



AC895

2-Way Full-Range Loudspeaker with 1 x 8" LF

Key Features:

- ▶ Compact enclosure
- ▶ 209 mm (8 in) LF transducer
- ▶ 90° x 50° Progressive Transition™ Field Rotatable Waveguide with a 25 mm (1 in) exit 25mm (1") voice-coil compression driver
- ▶ Dual Neutrik NL4 connectors plus screw terminals
- ▶ Multiple Attachment Points for Ultimate Flexibility

Applications:

- ▶ Performing Spaces
- ▶ Clubs & Bars
- ▶ Houses of Worship
- ▶ Multi Media Spaces
- ▶ Retail & Hospitality Spaces
- ▶ Presentation Suites
- ▶ Educational Facilities

AC895 is a compact 2-way full-range loudspeaker system comprised of one 209 mm (8 in) low frequency driver and one 25 mm (1 in) exit/25 mm (1 in) voice-coil compression driver. The rotatable PT™ Progressive Transition waveguide provides 90° by 50° coverage in vertical cabinet orientation. High-slope passive crossovers minimize band overlap and well-controlled offaxis response.

The cabinet is fitted with M10 threaded suspension points. Four threaded inserts located on back of the enclosure allow attachment of a MultiMount® or similar type mounting.

AC895 is part of JBL's AE Application Engineered Series, a versatile family of loudspeakers for a wide variety of fixed installation applications.



Specifications:

System:

Frequency Range (-10 dB) ¹ :	70 Hz - 20 kHz
Frequency Response (±3 dB) ¹ :	90 Hz - 18kHz
System Sensitivity (1w @ 1m) ¹ :	94 dB
Nominal Impedance:	8 ohms
Maximum SPL(1m) ² :	116 dB (122 dB peak)
Power Rating ³ : (Continuous/Program/Peak)	150 W/300 W/600 W
Coverage Pattern:	90° x 50° (H x V)
Crossover:	2 kHz

Transducers:

Low frequency driver:	1 x 8" woofer (P/N: 5055470), 209 mm (8 in) driver with 50 mm (2 in) voice-coil
High frequency driver:	1 x 2414H-C driver with 25 mm (1 in) exit/25 mm (1 in) voice-coil

Physical:

Input Connector:	Dual Neutrik NL4MP connectors plus covered barrier trip terminals
Enclosure:	15 mm multi-ply hardwood plywood
Grille:	Powder coated, 1.5mm perforated steel, with acoustically transparent black foam backing
Finish:	Textured black paint finish. White (-WH) available upon request. Not available with WRC & WRX finish.
Suspension / Mounting:	14 x M10 and 4 x M10 for Wall Mount Bracket. Optional U-bracket, L-bracket and wall-mount bracket
Dimensions (H x W x D):	470 mm x 265 mm x 254 mm 18.5 in x 10.4 in x 10.0 in
Net Weight:	10.2 kg (22.4 lbs)

1 Full space (4 π) conditions

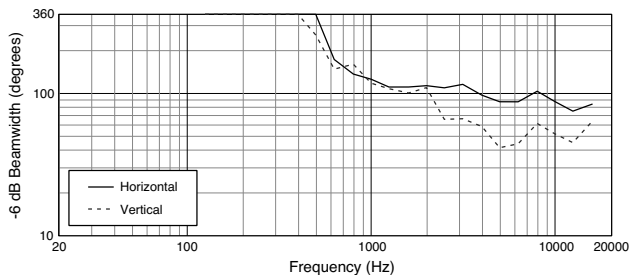
2 Calculated maximum SPL based on rated power handling

3 IEC shaped pink noise with 6dB CF for 100hrs

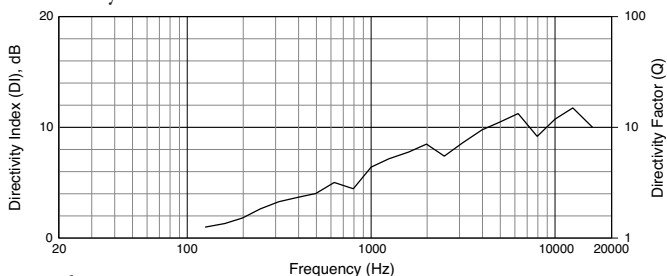
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► AC895 2-Way Loudspeaker with 1 x 8" LF

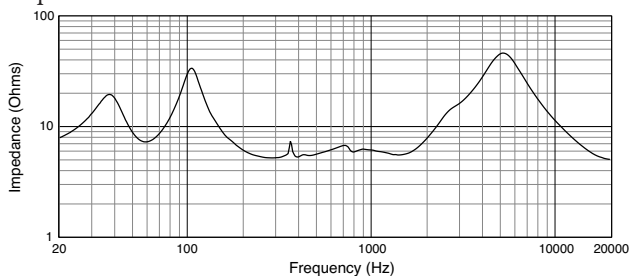
Beamwidth



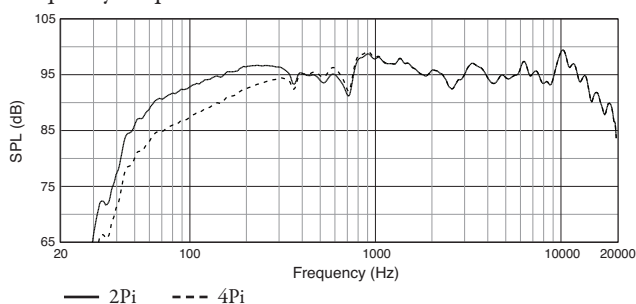
Directivity Index



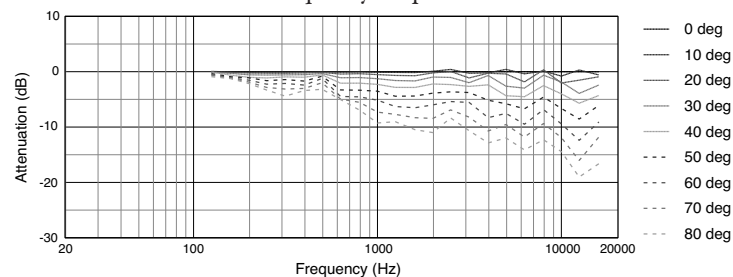
Impedance



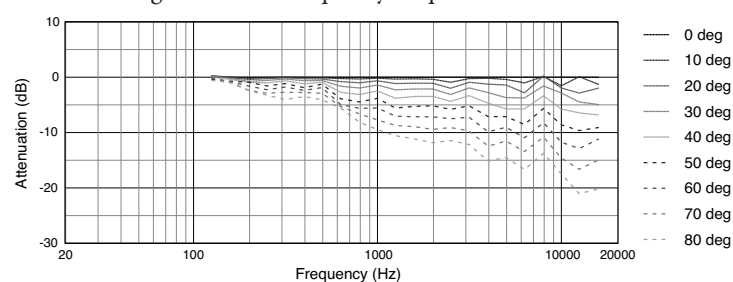
Frequency Response, 1W/1M



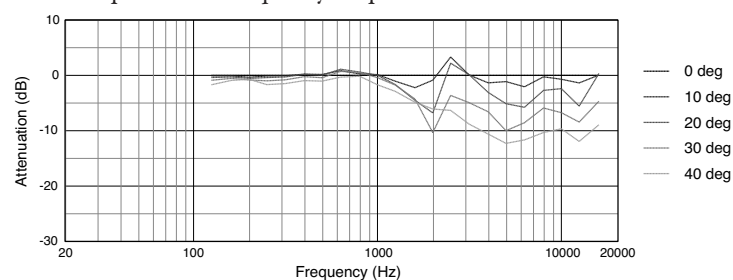
Horizontal Left Off-Axis Frequency Response



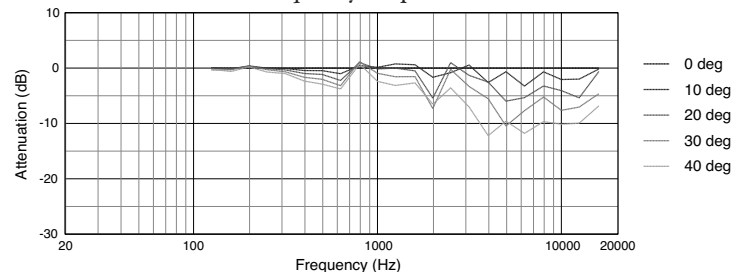
Horizontal Right Off-Axis Frequency Response



Vertical Up Off-Axis Frequency Response

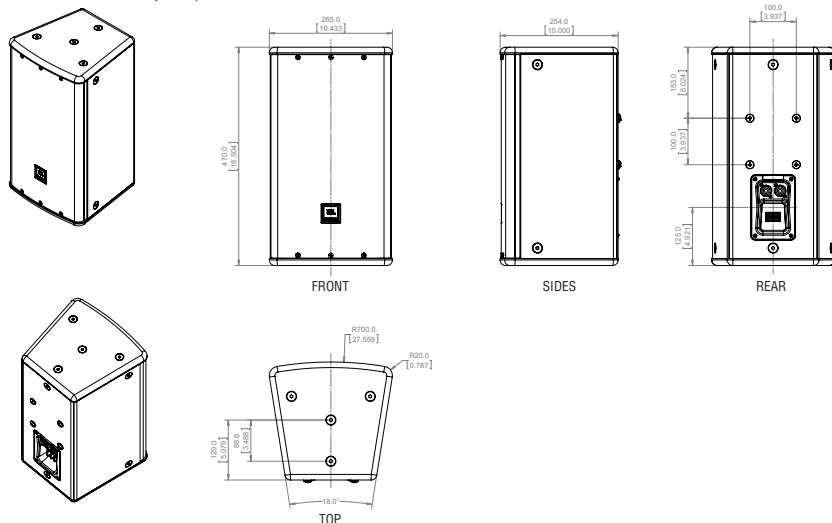


Vertical Down Off-Axis Frequency Response



Dimensions:

Dimensions in mm (inch)



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